

In the Specification:

On page 2, line 1, after “such” kindly insert --a--.

This paragraph of the specification should read as follows:

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However, such a traditional apparatus is generally unsuitable for manufacturing large volumes of film pouches at very high speeds. Specifically, the traditional process necessitates a certain delay or pause in the flow of film through the machine, since the machines must stop during every cycle while the side and/or leading and trailing edges of the pouches are pressed
10 and sealed, and when rows of sealed pouches are cut free following their formation. Failing to press and seal the edges properly can result in weakened film pouches, causing such pouches to leak or burst. Even if the delay (i.e., stop) is only for a few milliseconds per cycle, the accumulation of stops over time translates into significantly decreased output and hence decreased revenue for the manufacturer utilizing such an apparatus.

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On page 4, line 20, kindly delete “trough” and replace it with --through--. On page
5, line 1, kindly delete “station” and replace it with --stations--. On page 5, line 2, kindly
20 delete “mach” and replace it with --match--.

This paragraph of the specification should read as follows:

In one embodiment, a servo motor or motors translate a rotary motion of the motor and gearbox into a linear motion through a belt and pulley system, into a gear rack and pinion gear, in a vertical arrangement, which allow the pumping pistons to move in a linear up and down motion. This linear vertical motion of the pistons allow product to enter the cylinder body of the pump station, and ~~through~~ through a reversal of this vertical motion of the pistons the product is expelled into fill tubes which, in turn, dispense the product into the pouches. The servo motor allows the motion of these pistons to be controlled very precisely by which the product flow is controlled and the amount can be varied by increasing or decreasing the stroke length of the piston. An electronic signal may be given to each of the side seal, cross seal and knife ~~station~~ stations to vary the length of the pouch or sachet to ~~make~~ match the amount of product being dispensed.

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On page 5, line 5, kindly delete “intern” and replace it with --in turn--.

This paragraph of the specification should read as follows:

The quantity of material deposited into the film pouches is communicated to the pump station by entering a setting into the electronic controller which ~~intern~~ in turn communicates these settings to the individual stations and motion imparting system (cam system or servo motors) of the individual stations and adjusts their movement accordingly.

On page 6, line 16, kindly delete “form” and replace it with --from--.

This paragraph of the specification should read as follows:

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The cross seal station comprises an opposing pair of sealing pads, extending across the film path (usually in a horizontal orientation), positioned in such a manner that the film advances between the opposing pads. These pads are in close proximity to one another, and capable of closing to apply pressure to the films between them, causing the particular contacted surface areas of such films to be pressed together and sealed. The cross seal station is mounted such that it is capable of movement along a defined portion of the film path in a reciprocating or oscillating fashion, as described herein. This reciprocating movement is independent ~~form~~ from that of the side seal station, and allows the cross seal station to travel with and seal the film while it is moving through the machine without requiring any momentary stop in the flow of film through the machine. The cross seal apparatus travels along the flow path of the film and forms a cross seal while traveling. Once the seal is formed, the sealing pads are retracted, and the cross seal station quickly reciprocates back along the flow path and again travels along the path to form the next seal, and so on, in a cyclical fashion. The cross seal station may also be driven by one or more motion-controlled servomotors, with or independent from a cam system.

On page 7, line 11, please include the period after the word “thereof.” This is not shown in the published application.

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On page 14, line 7, after “contents” kindly add --of the--.

This paragraph of the specification should read as follows:

10 In the preferred embodiment, the pumping of materials through pump station 20 is accomplished using servo motors 26 in conjunction with pistons 27 attached to plates 28. A plurality of valves (e.g. rotary cutoff valves, not shown) are provided inside dispenser 22, one valve for each output nozzle 24. In a first position, these valves allow fluid product material to enter a dispenser 22 through nozzles 23, and in a second position said valves allow such
15 material to exit through nozzles 24. Pairs of dispensers 22 are provided so that every stroke of pistons 27 (whether up or down) in conjunction with the valves causes action in both of the dispensers 22 of the pair: during a given stroke, one dispenser 22 of the pair is filled with a measured amount of product from the reservoir through nozzles 23, while the contents of the
other dispenser 22 of the pair are discharged through exit nozzles 24. During the next stroke,
20 the first dispenser 22 discharges its contents while the second dispenser is filled, and so on, in alternating fashion. In this way, there is a constant filling action with every piston stroke. This facilitates the continuous uninterrupted progress of film through the machine.

On page 14, line 15, kindly delete "29".

This paragraph of the specification should read as follows:

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One or more movable lever members 25 are attached to each dispenser 22 for operating the internal valves. Air cylinders, cams or other means may be used for coordinated movement of members 25. In one embodiment, pistons 27 may be attached to and controlled by cross bars 28 which are moved up and down by a set of gears and racks ~~[[29]]~~ which are driven, in turn, by
10 timing belts attached to a servo drive output shaft 21. In an alternative embodiment, a cam device and linkages may be employed to operate the pistons and valves instead of servo motors.

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